

# XY Series High Performance Read-Write-Erase Optical Drives Model XY600RW

XYXIS Corporation presents the XY600RW for the IBM PS/2 and AT/XT. The perfect solution for efficient, secure and economical storage of your important data. The optical laser drive allows you to read, write and erase files with the newest laser technology. Average access time is a fast 61 milli-seconds.

The media are industry standard ISO format 5 1/4 inch laser disks. Each disk is capable of storing 600 megabytes of information, the equivalent of 500 3 1/2 inch floppy magnetic disks. The disks are removable for safe storage or portability.

XYXIS has manufactured the drive in an attractive cabinet

with a 60 watt power supply and a quiet fan.

The software interface to your personal computer is easy to use and supports both DOS Version 3.3 and 4.0.

Interfaces to Apple Macintosh™ and SUN Microsystems are also available for the XY600RW.



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# MODEL XY600RW

## READ-WRITE-ERASE OPTICAL DRIVE FEATURES

- 600 megabyte of storage on a 5 $\frac{1}{4}$  inch disk.
- 61 milli-second average access time.
- Removable disks provide safe storage and portability.
- Quality cabinet.
- 60 watt power supply and quiet fan.
- Easy to use software installation.
- Selectable SCSI address.
- Termination on outside of cabinet.

## SPECIFICATIONS

### CONTROLLER:

Interface .....	SCSI
Data buffer memory .....	256K bytes
Data transfer rate at SCSI interface .....	1.2M bytes/sec. (max.)

### RELIABILITY:

Error rate (SCSI I/F) .....	Less than $10^{-12}$ bits (after ECC)
MTBF .....	More than 20,000 hours

AVERAGE ACCESS TIME .....	61 msec ( $\frac{1}{3}$ full stroke seek time plus latency)
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ROTATION SPEED .....	1,800 rpm
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DISK DIAMETER .....	5 $\frac{1}{4}$ in. (130 mm)
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ROTATIONAL CONTROL METHOD .....	CAV (Constant Angular Velocity)
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### PHYSICAL DIMENSIONS:

Height .....	5.72 in. (145 mm)
Width .....	9.25 in. (235 mm)
Depth .....	13.08 in. (332 mm)
Weight .....	18 lbs. (8.1 kg)

### POWER INPUT:

Selectable .....	900-132 vac/180-250 VAC
AC input frequency .....	47-440 Hz
Input power .....	33 watts nominal

### MEDIA:

Compatible standard .....	ISO
Recording method .....	Magnet-optics (M-O)
Side(s) used .....	1 or 2

#### Recording capacity (formatted)

Capacity per sector .....	512 Bytes
Capacity per side .....	300 MBytes
Capacity per disk .....	600 MBytes

#### Media life

Before recording .....	More than 10 years
After recording .....	More than 10 years
Frequency of write/erase .....	More than $10^6$ pass



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